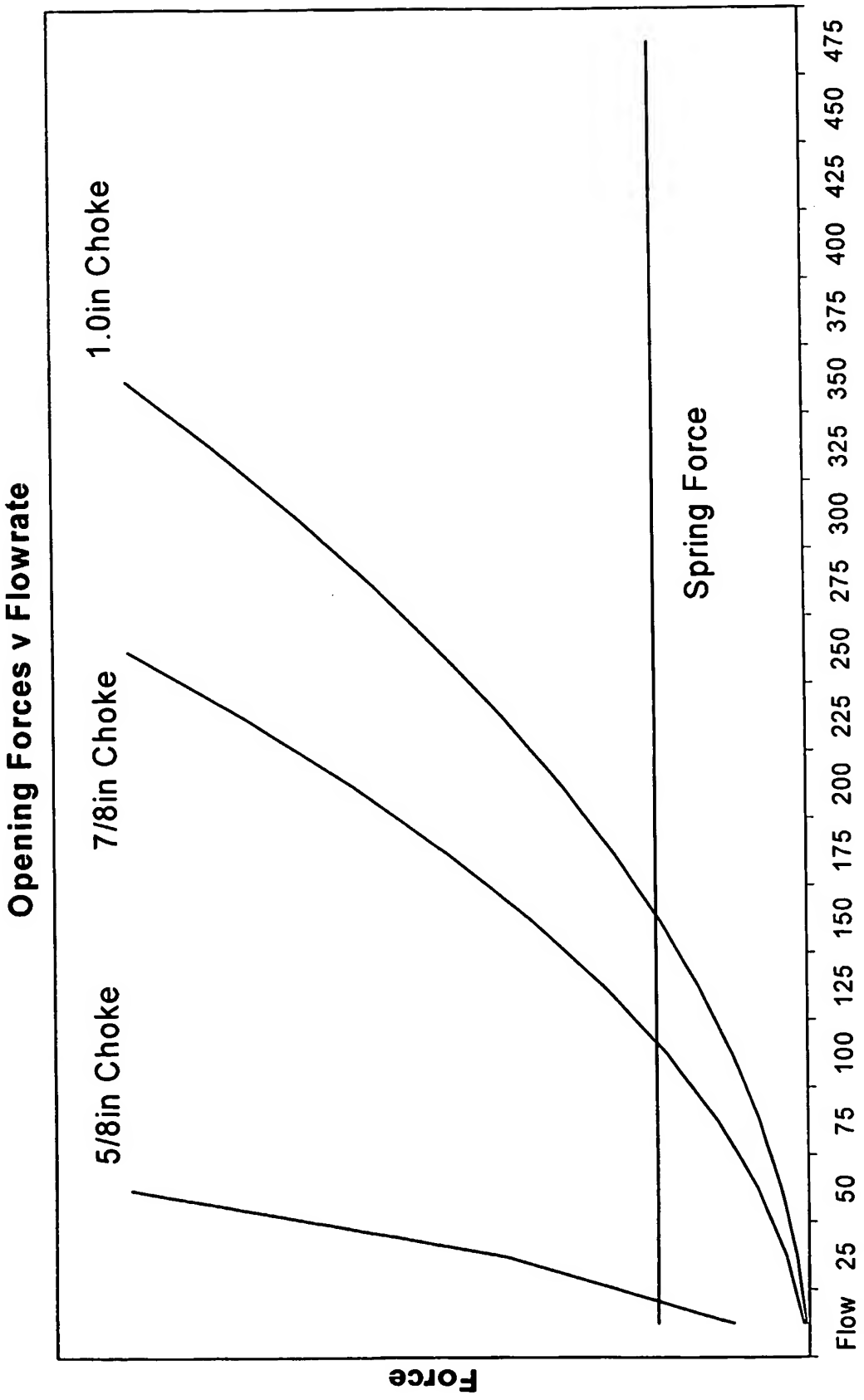
Opening Forces v Flowrate
1.0in Choke
7/8in Choke
5/8in Choke
Spring Force
Force
Flow 25 50 75 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450 475
GPM

Figure 1

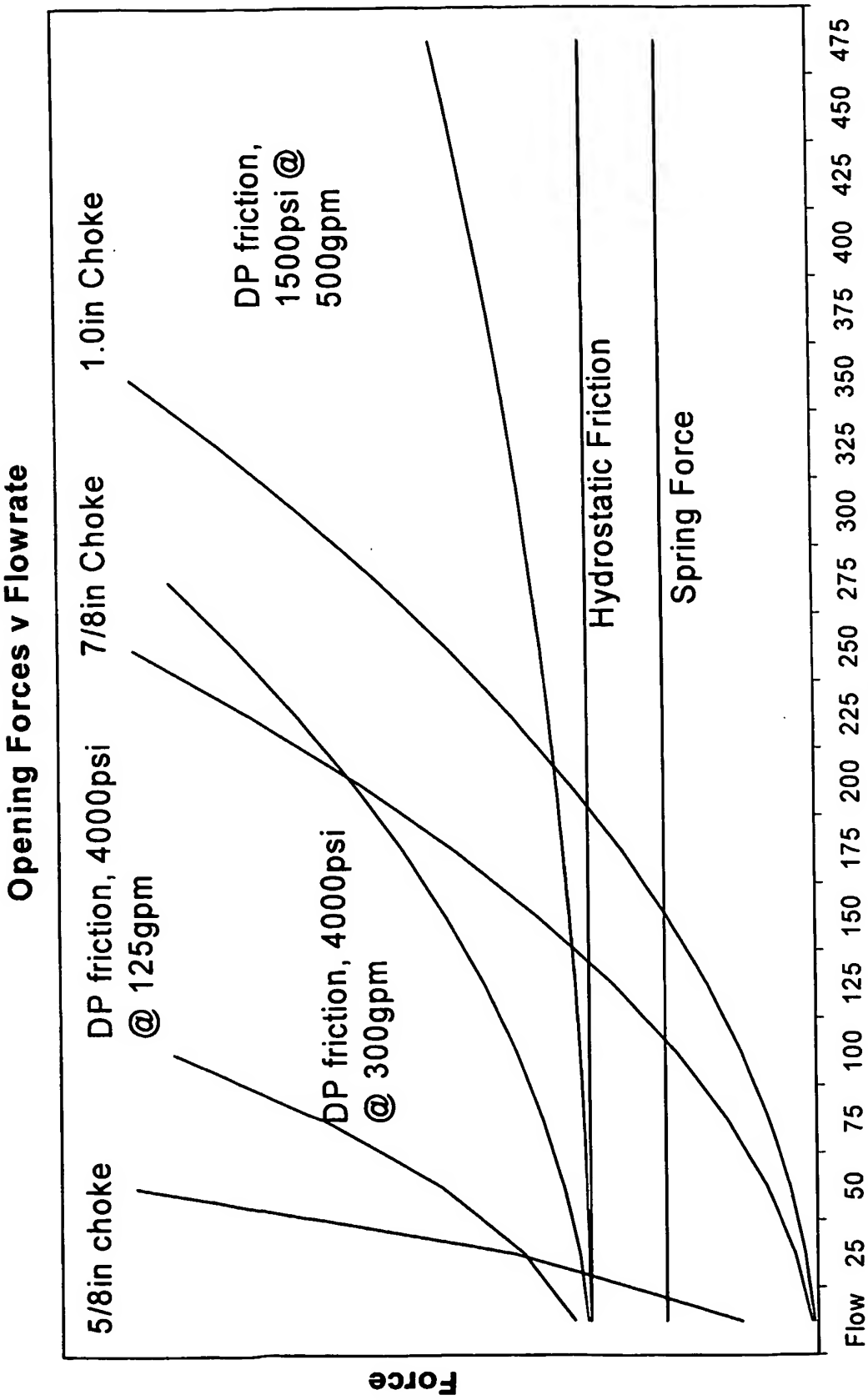
Opening Forces v Flowrate
5/8in choke
DP friction, 4000psi @ 125gpm
7/8in Choke
DP friction, 4000psi @ 300gpm
1.0in Choke
DP friction, 1500psi @ 500gpm
Hydrostatic Friction
Spring Force
Force
Flow 25 50 75 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450 475
GPM

Figure 2

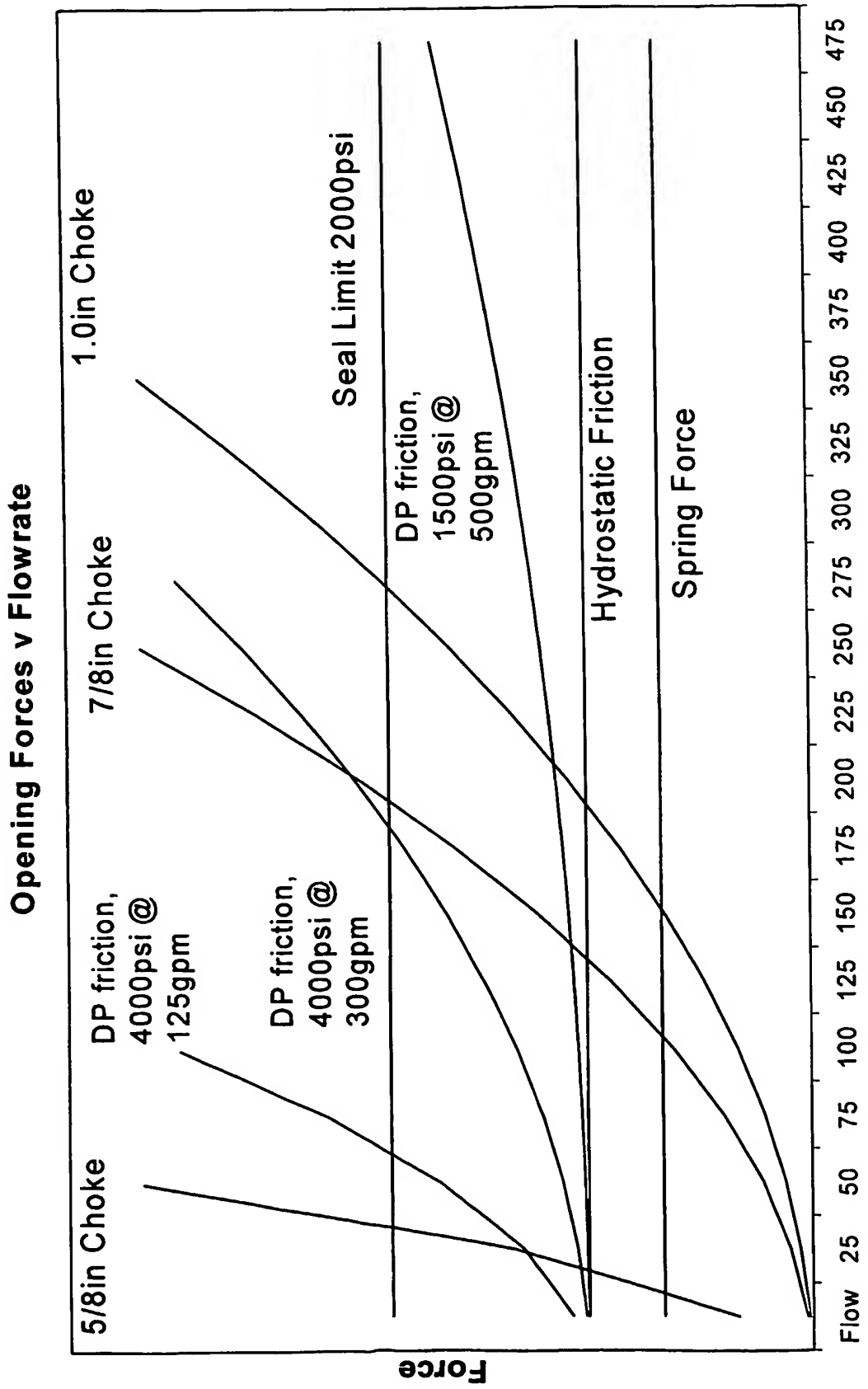
Opening Forces v Flowrate
5/8in Choke
7/8in Choke
1.0in Choke
DP friction, 4000psi @ 125gpm
DP friction, 4000psi @ 300gpm
Seal Limit 2000psi
DP friction, 1500psi @ 500gpm
Hydrostatic Friction
Spring Force
Force
Flow
25 50 75 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450 475
GPM

Figure 3

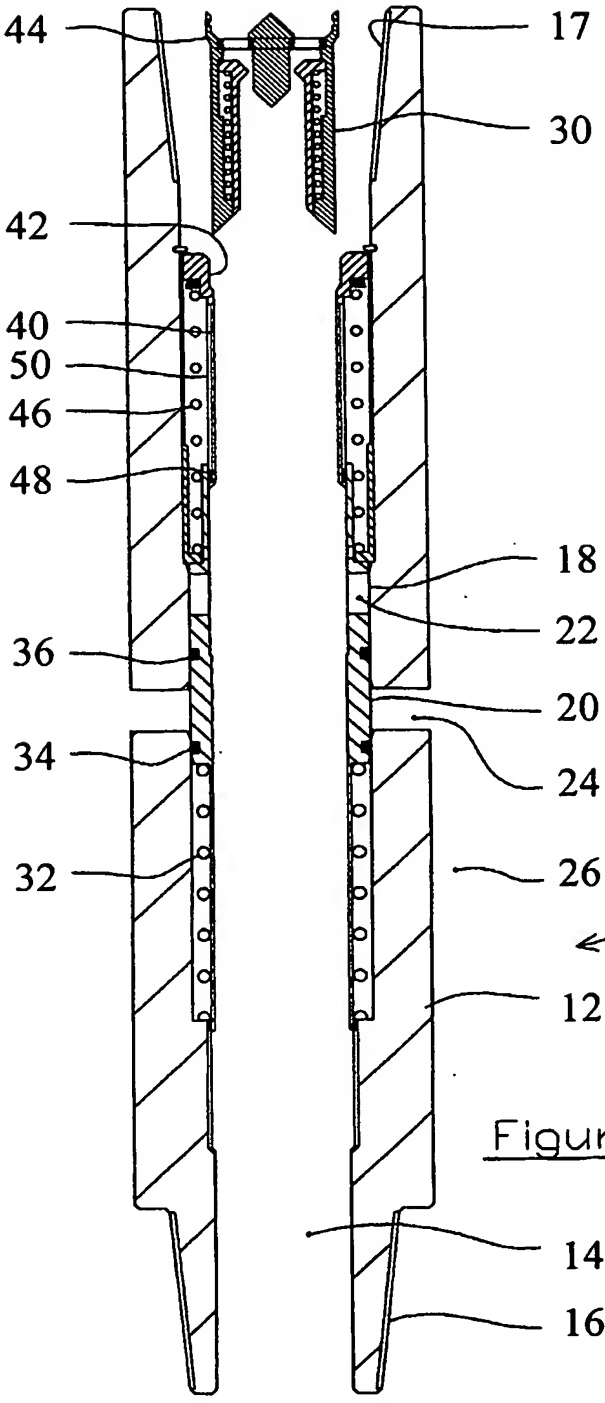

Figure 4a

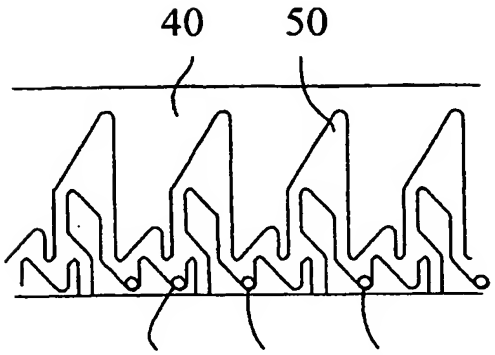

Figure 4b

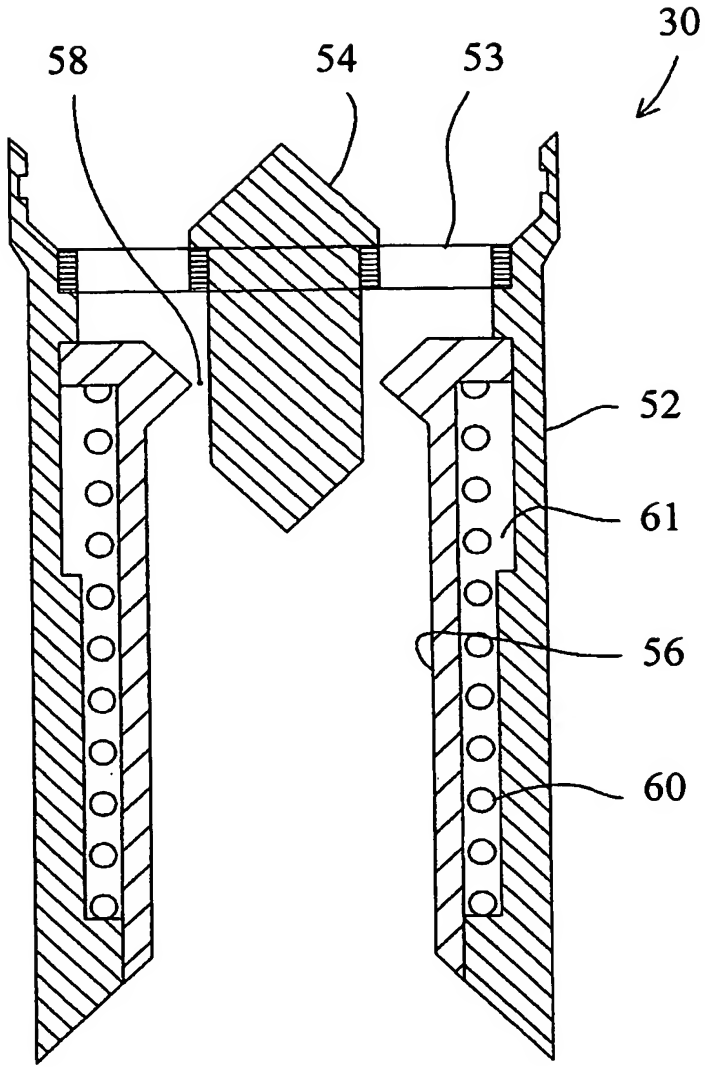

Figure 4c

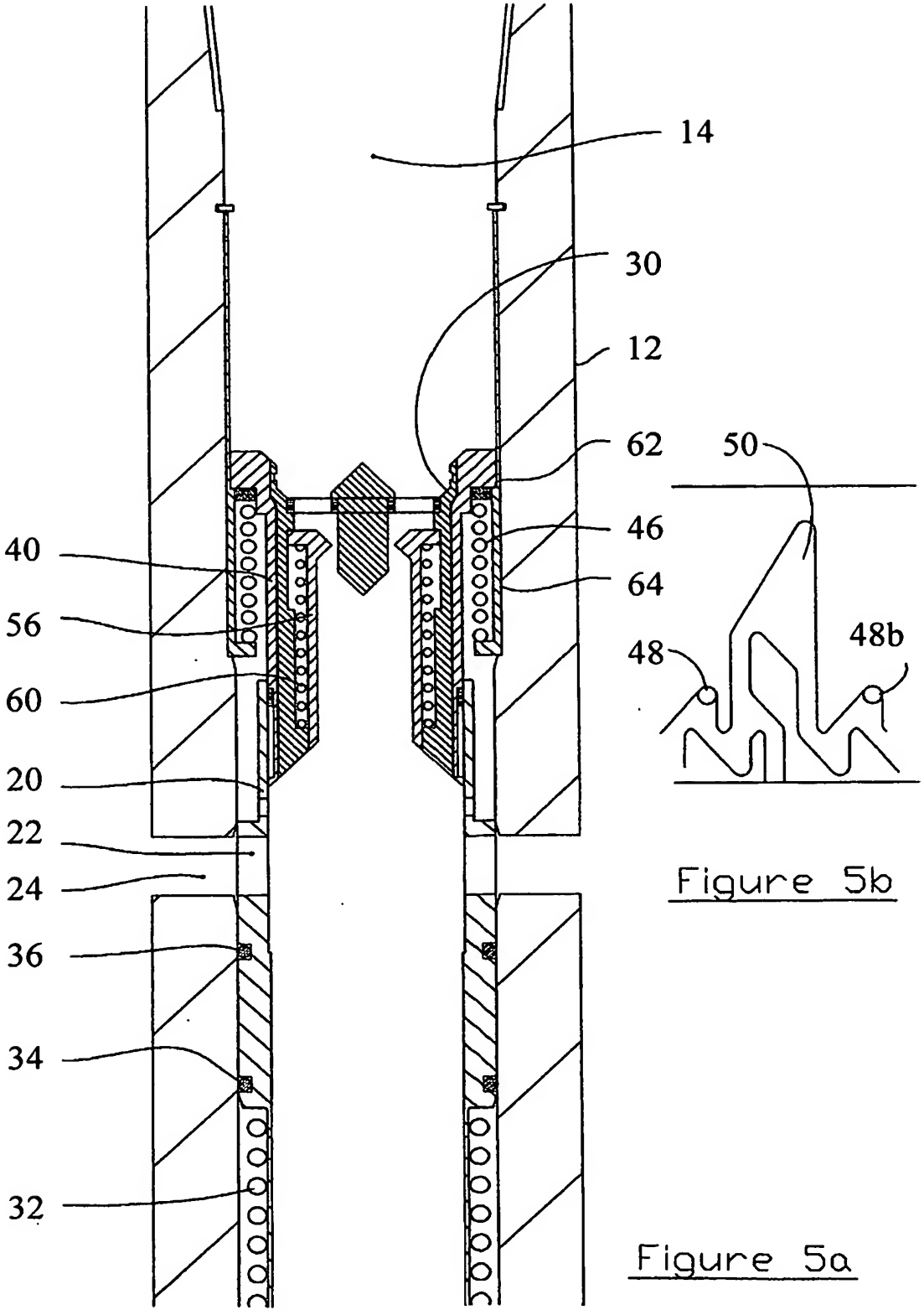

Figure 5b

Figure 5a

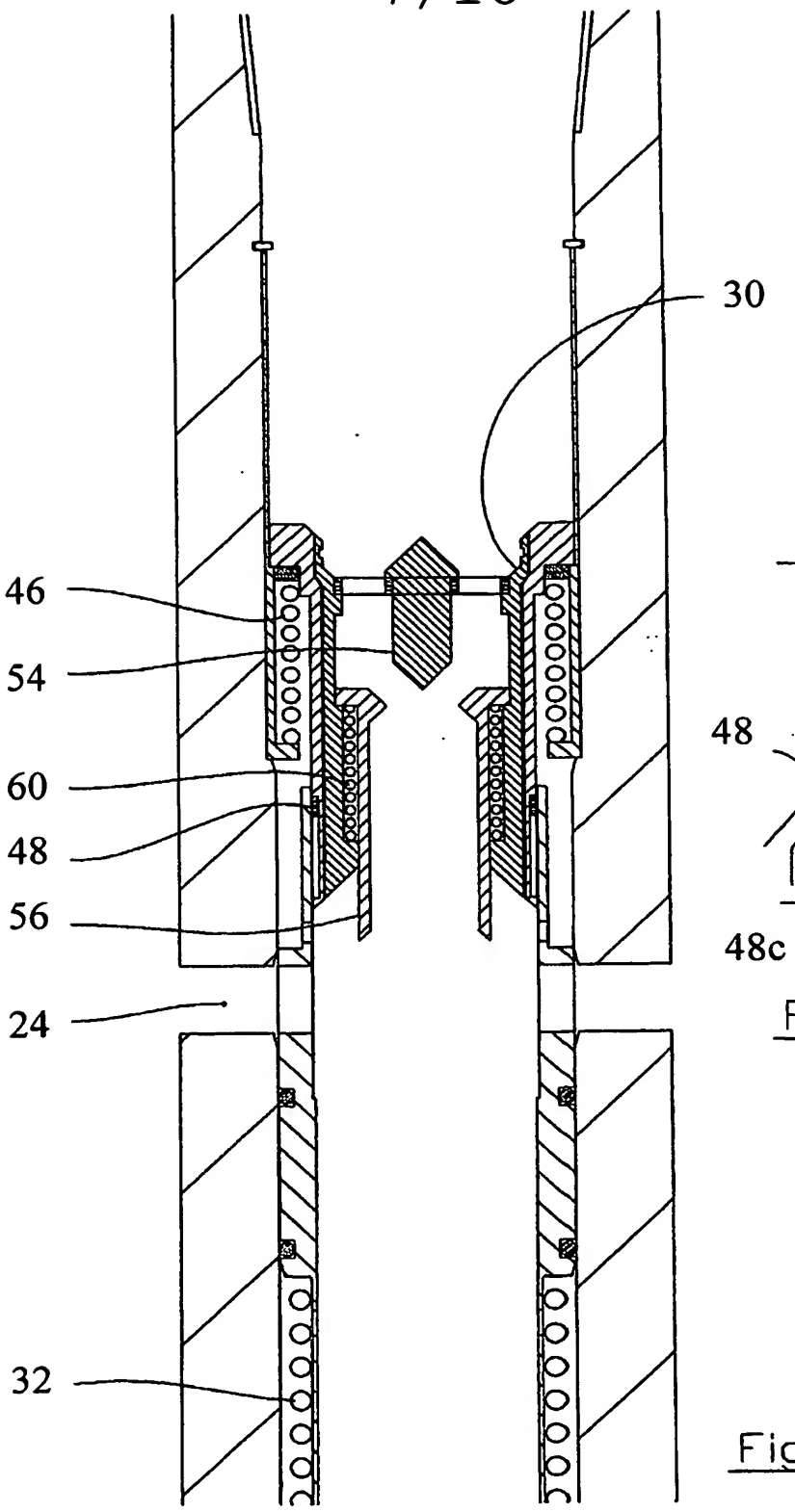

Figure 6a

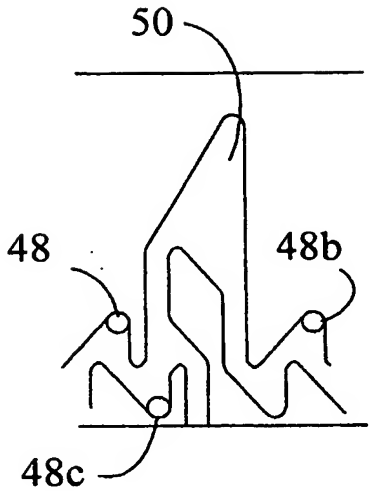

Figure 6b

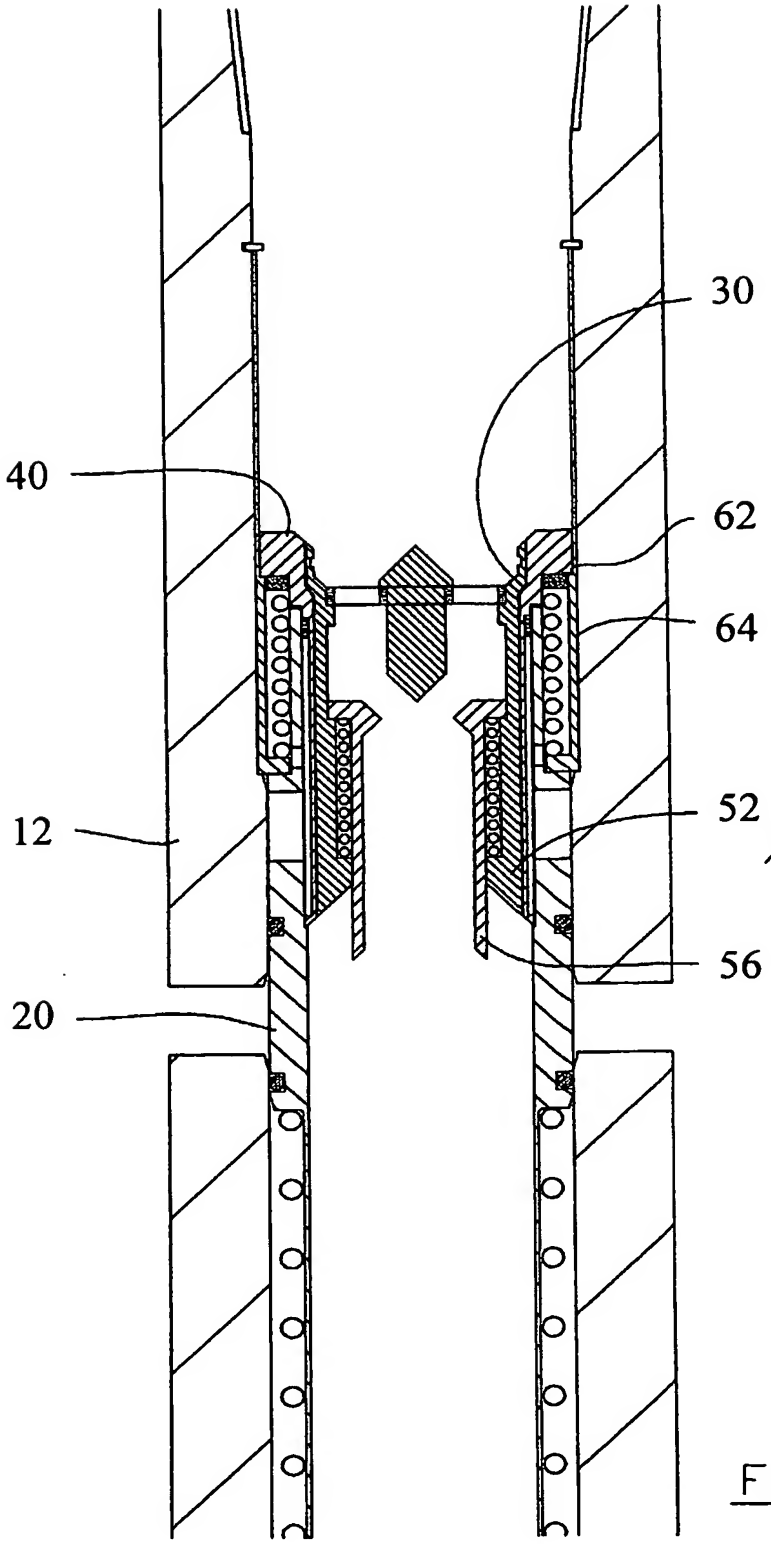

Figure 7a

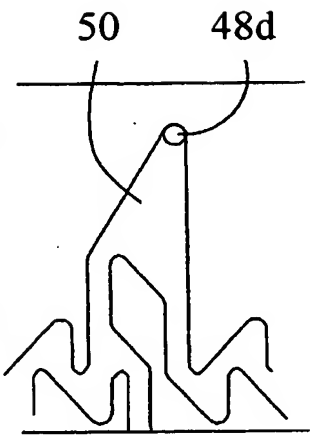

Figure 7b

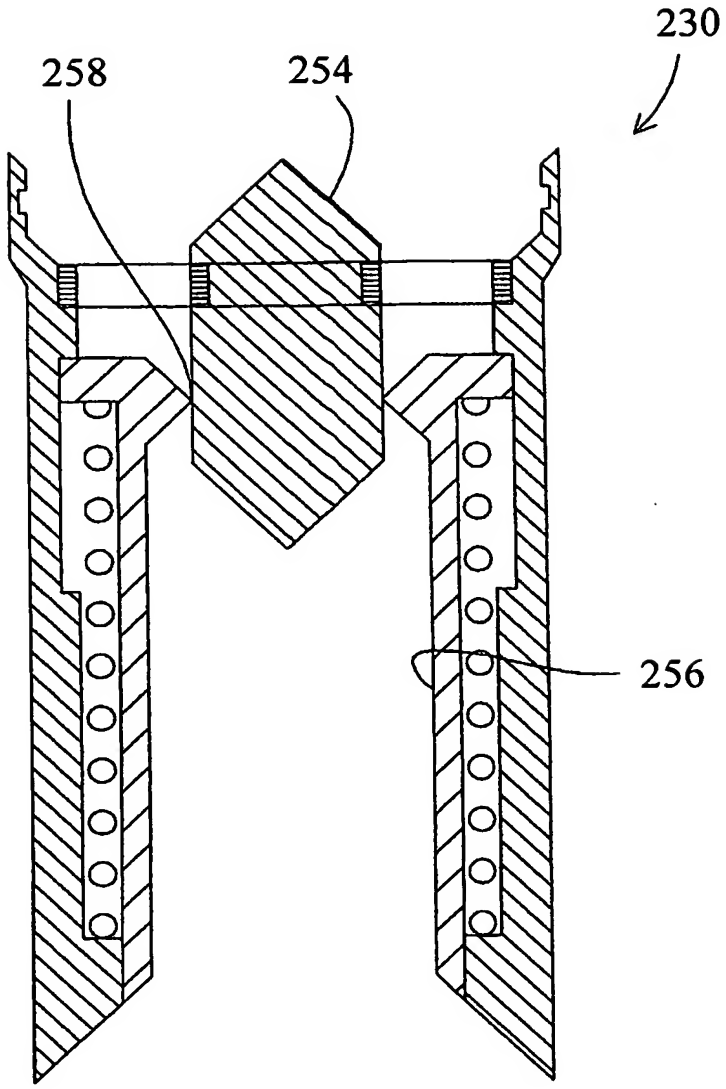

Figure 8

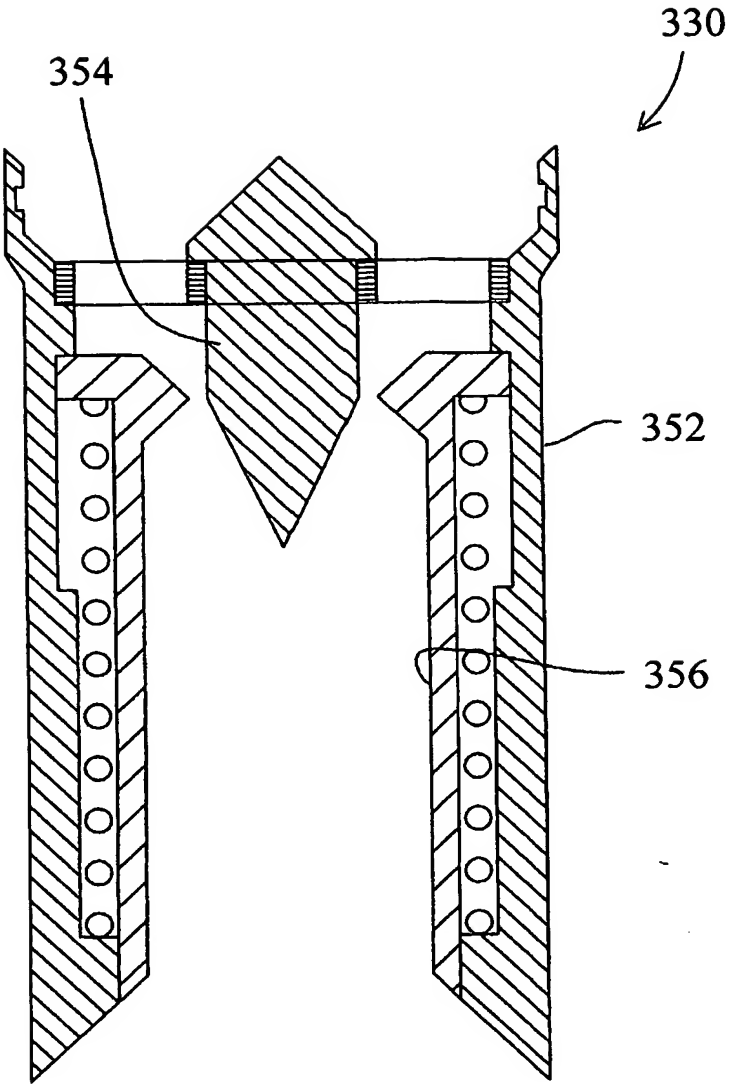

Figure 9

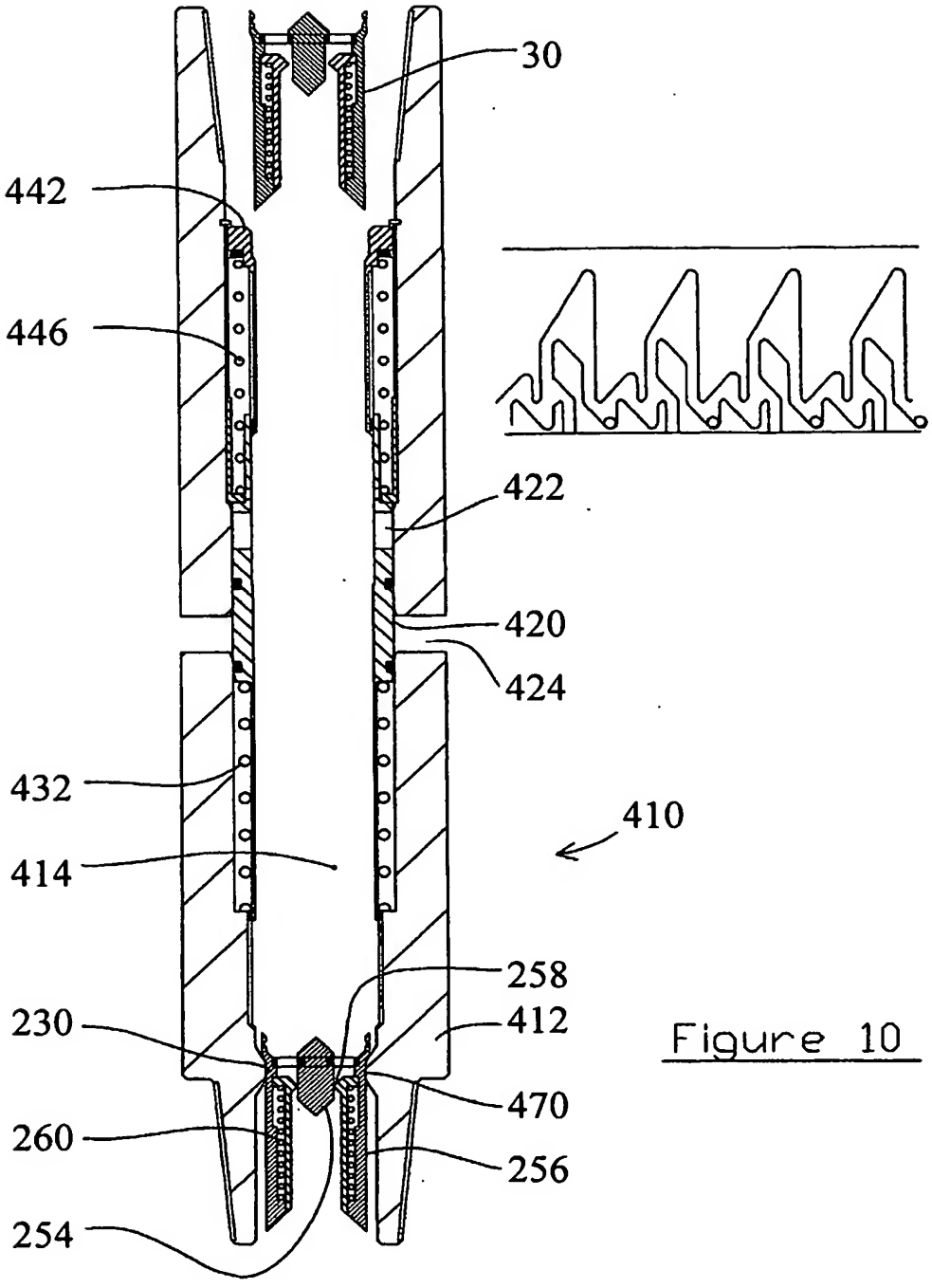

Figure 10

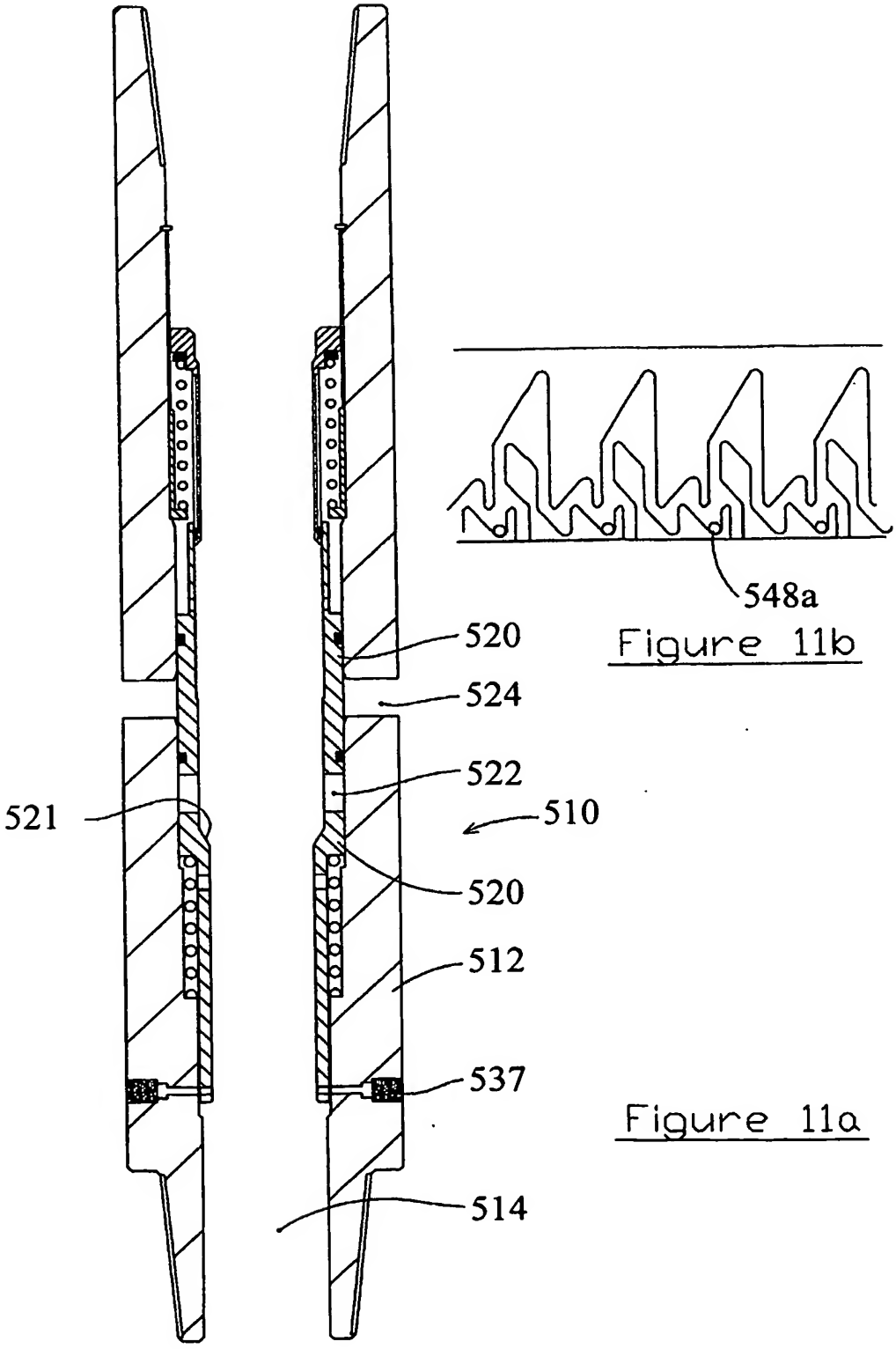

Figure 11b

Figure 11a

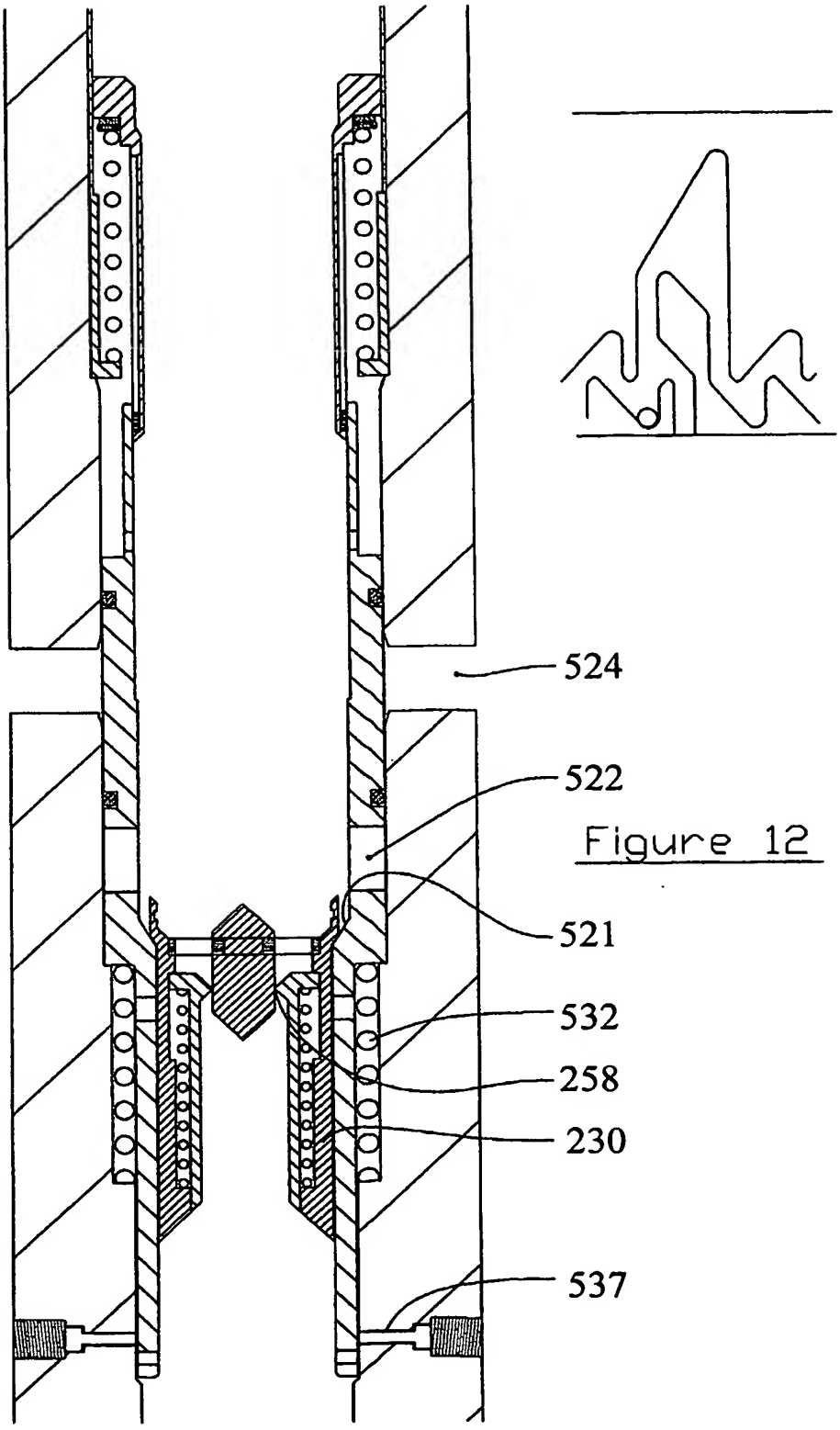

Figure 12

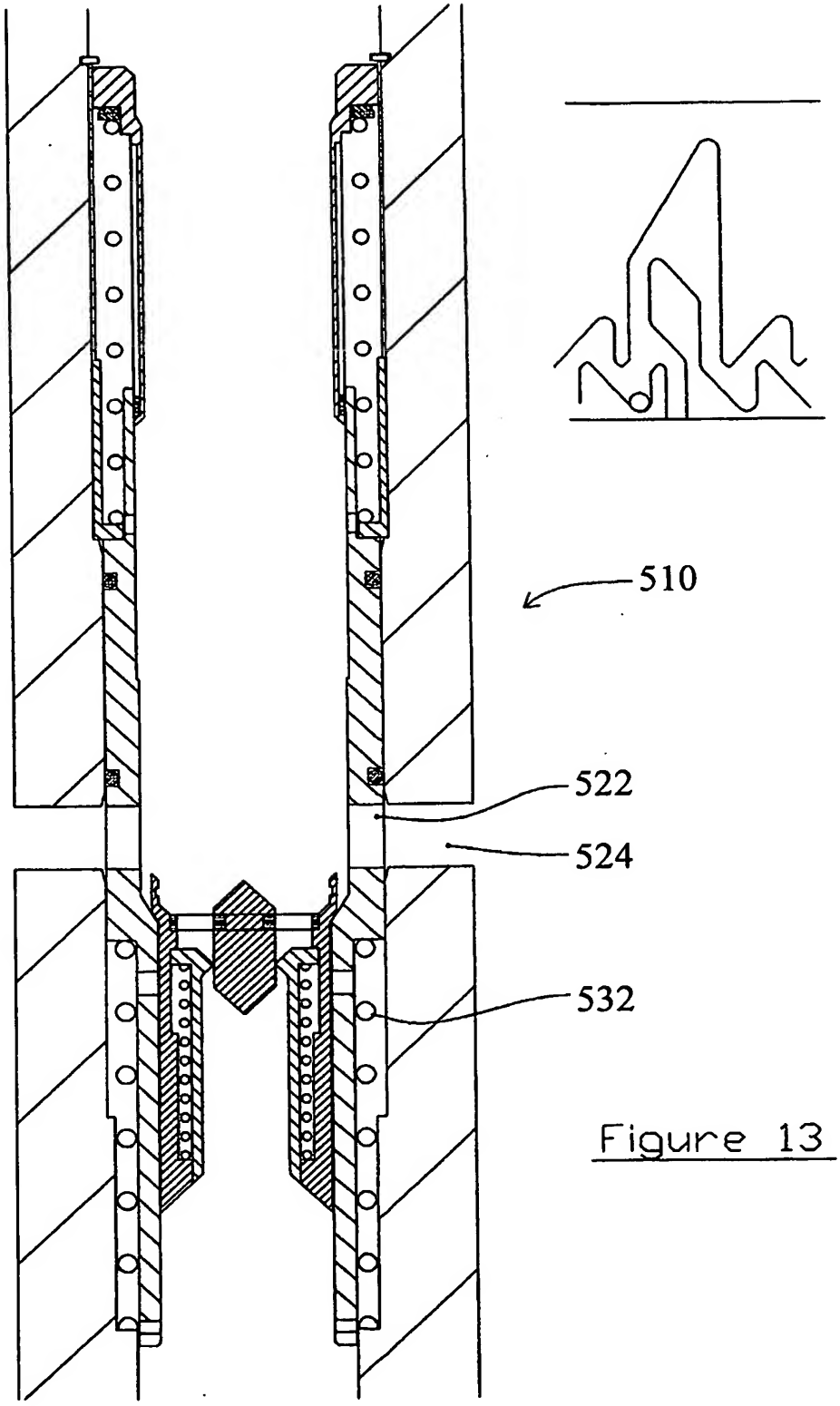

Figure 13

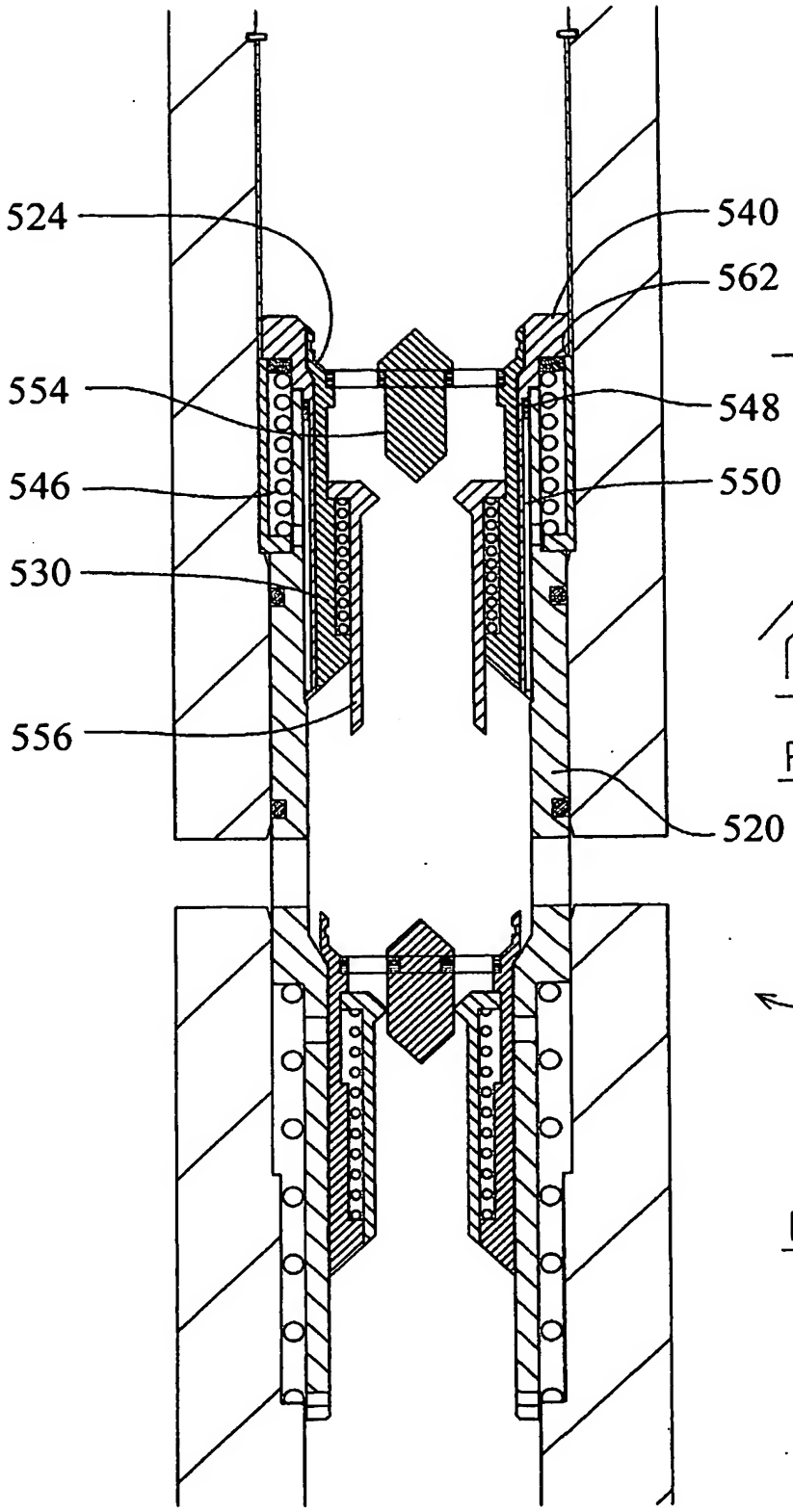

Figure 14a

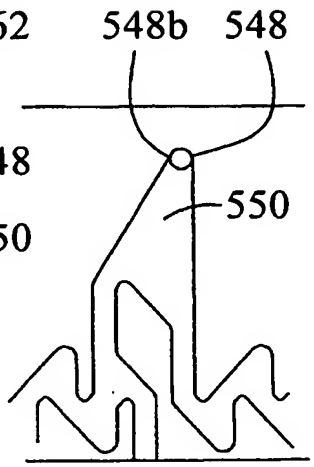

Figure 14b

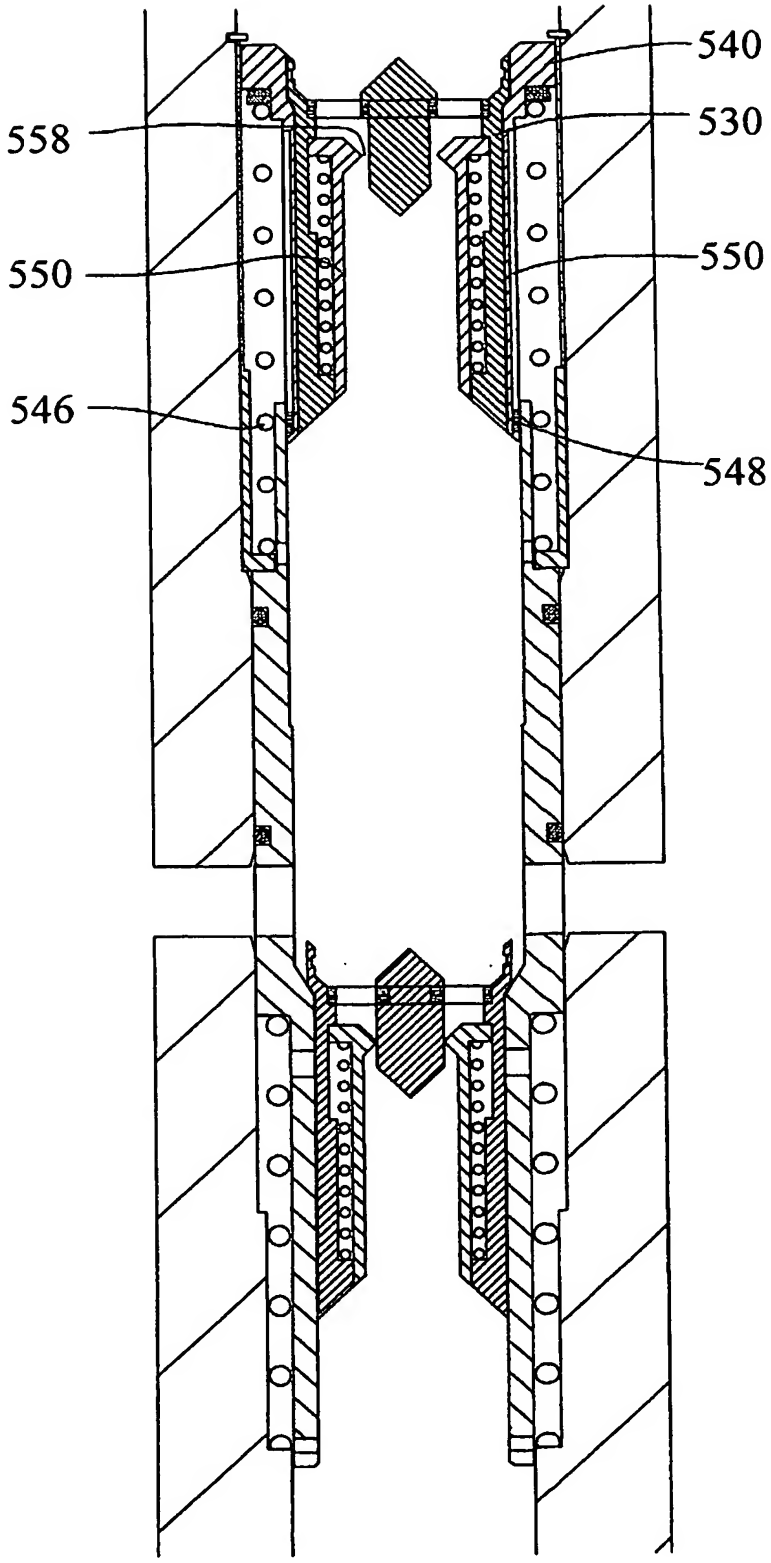

Figure 15a

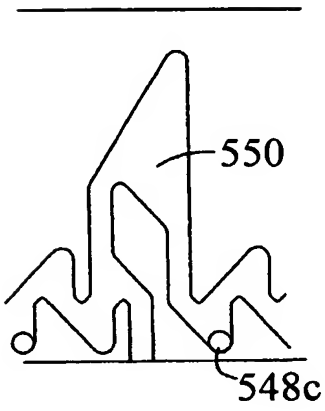

Figure 15b

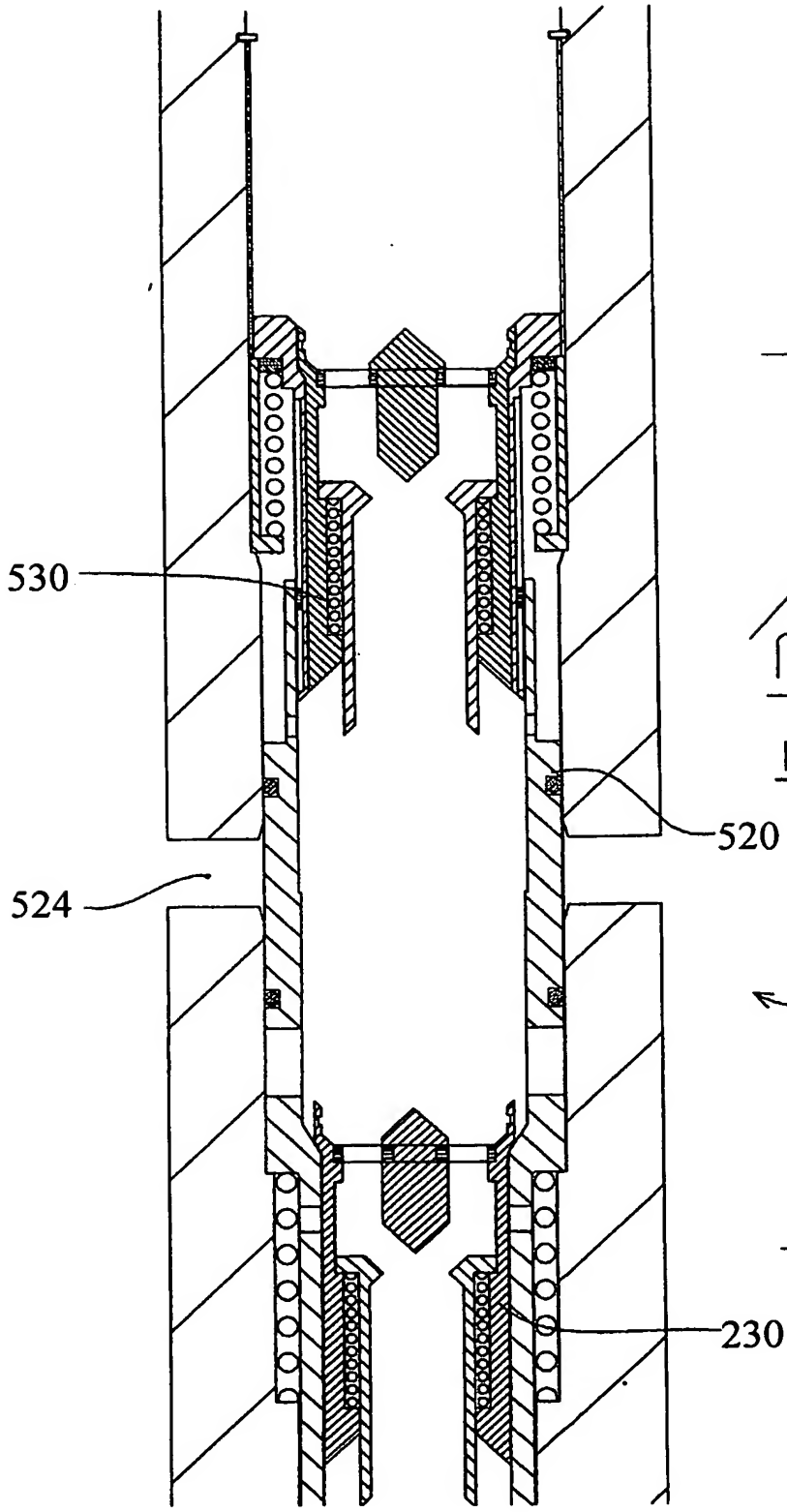

Figure 16a

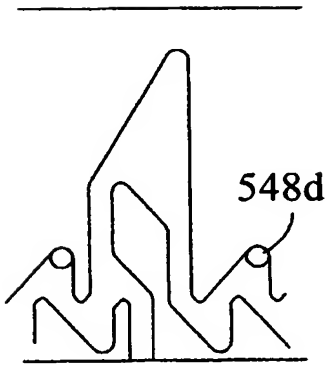

Figure 16b

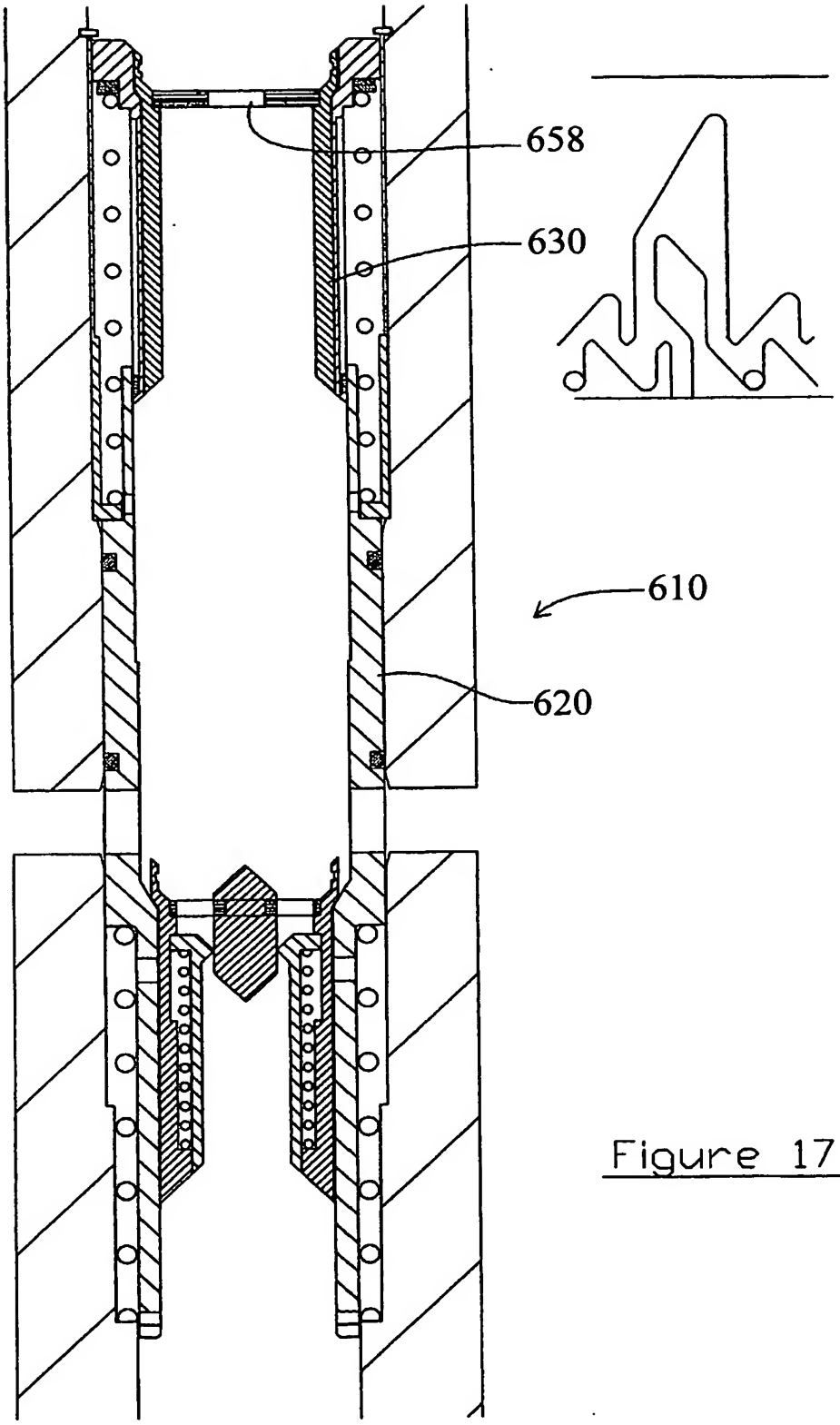

Figure 17